



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 101647,519  
Source: IFW0  
Date Processed by STIC: 2/13/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT  
MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFWO

**RAW SEQUENCE LISTING**  
 PATENT APPLICATION: US/10/647,519

DATE: 02/13/2004  
 TIME: 12:04:44

Input Set : A:\2314-269seq.txt  
 Output Set: N:\CRF4\02132004\J647519.raw

3 <110> APPLICANT: Fainzilber, Michael M.  
 4 Kits, Karel S.  
 5 Burlingame, Alma L.  
 6 Olivera, Baldomero M.  
 7 Walker, Craig  
 8 Watkins, Maren  
 9 Shetty, Reshma  
 10 Cruz, Lourdes J.  
 11 Imperial, Julita  
 12 Colledge, Clark  
 13 University of Utah Research Foundation  
 14 Vrije Universiteit  
 15 Regents of the University of California  
 17 <120> TITLE OF INVENTION: Gamma-Conopeptides  
 19 <130> FILE REFERENCE: 2314-147-sq2  
 C--> 21 <140> CURRENT APPLICATION NUMBER: US/10/647,519  
 C--> 22 <141> CURRENT FILING DATE: 2003-08-26  
 24 <150> PRIOR APPLICATION NUMBER: US 60/069,706  
 25 <151> PRIOR FILING DATE: 1997-12-16  
 27 <160> NUMBER OF SEQ ID NOS: 47  
 29 <170> SOFTWARE: PatentIn Ver. 2.0  
 31 <210> SEQ ID NO: 1  
 32 <211> LENGTH: 42  
 33 <212> TYPE: PRT  
 34 <213> ORGANISM: Artificial Sequence  
 36 <220> FEATURE:  
 37 <223> OTHER INFORMATION: Description of Artificial Sequence: generic formula  
 38 of gamma-conopeptides  
 40 <220> FEATURE:  
 41 <221> NAME/KEY: PEPTIDE  
 42 <222> LOCATION: (1)..(13)  
 43 <223> OTHER INFORMATION: Xaa at residues 1, 2, 3, 4, 5, and 6 may be  
 44 des-Xaa or any amino acid; Xaa at residues 8, 9,  
 45 10, 11 and 12 may be any amino acid; Xaa at  
 46 residue 13 may be des-Xaa or any amino acid.  
 48 <220> FEATURE:  
 49 <221> NAME/KEY: PEPTIDE  
 50 <222> LOCATION: (15)..(19)  
 51 <223> OTHER INFORMATION: Xaa at residues 15, 16, 17 and 18 may be any amino  
 52 acid; Xaa at residue 19 is Glu,  
 53 gamma-carboxyglutamate or Gln.  
 55 <220> FEATURE:  
 56 <221> NAME/KEY: PEPTIDE

Does Not Comply  
 Corrected Diskette Needed  
 (pg.7-9)

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/647,519

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TIME: 12:04:44

Input Set : A:\2314-269seq.txt  
Output Set: N:\CRF4\02132004\J647519.raw

57 <222> LOCATION: (22)..(28)  
58 <223> OTHER INFORMATION: Xaa at residues 22, 23 and 24 may be any amino  
59 acid; Xaa at residue 25 may be des-Xaa or any  
60 amino acid; Xaa at residues 27, 28 and 29 may be  
61 any amino acid.  
63 <220> FEATURE:  
64 <221> NAME/KEY: PEPTIDE  
65 <222> LOCATION: (30)..(42)  
66 <223> OTHER INFORMATION: Xaa at residues 30, 31 and 32 may be des-Xaa or  
67 any amino acid; Xaa at residues 34, 35, 36, 37,  
68 38, 39, 40, 41 and 42 may be des-Xaa or any amino  
69 acid.  
71 <400> SEQUENCE: 1  
W--> 72 Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa  
73 1 5 10 15  
75 Xaa Xaa Xaa Cys Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa  
76 20 25 30  
78 Cys Xaa  
79 35 40  
82 <210> SEQ ID NO: 2  
83 <211> LENGTH: 42  
84 <212> TYPE: PRT  
85 <213> ORGANISM: Artificial Sequence  
87 <220> FEATURE:  
88 <223> OTHER INFORMATION: Description of Artificial Sequence:generic  
89 sequence of gamma-conopeptides.  
91 <220> FEATURE:  
92 <221> NAME/KEY: PEPTIDE  
93 <222> LOCATION: (1)..(13)  
94 <223> OTHER INFORMATION: Xaa at residues 1, 2, 3, 4, 5 and 6 may be des-Xaa  
95 or any amino acid; Xaa at residues 8, 9, 10, 11  
96 and 12 may be any amino acid; Xaa at residue 13  
97 may be des-Xaa or any amino acid.  
99 <220> FEATURE:  
100 <221> NAME/KEY: PEPTIDE  
101 <222> LOCATION: (15)..(22)  
102 <223> OTHER INFORMATION: Xaa at residues 15, 16, 17 and 18 may be any amino  
103 acid; Xaa at residue 19 is Glu,  
104 gamma-carboxyglutamate or Gln; Xaa at residue 22  
105 is Ser or Thr.  
107 <220> FEATURE:  
108 <221> NAME/KEY: PEPTIDE  
109 <222> LOCATION: (23)..(29)  
110 <223> OTHER INFORMATION: Xaa at residues 23 and 24 may be any amino acid;  
111 Xaa at residue 25 may be des-Xaa or any amino  
112 acid; Xaa at residues 27, 28 and 29 may be any  
113 amino acid.  
115 <220> FEATURE:  
116 <221> NAME/KEY: PEPTIDE

**RAW SEQUENCE LISTING** DATE: 02/13/2004  
**PATENT APPLICATION: US/10/647,519** TIME: 12:04:44

Input Set : A:\2314-269seq.txt  
 Output Set: N:\CRF4\02132004\J647519.raw

117 <222> LOCATION: (30)...(42)  
 118 <223> OTHER INFORMATION: Xaa at residues 30, 31 and 32 may be des-Xaa or  
 119 any amino acid; Xaa at residues 34, 35, 36, 37,  
 120 38, 39, 40, 41 and 42 may be des-Xaa or any amino  
 121 acid.  
 123 <400> SEQUENCE: 2

**W--> 124 Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa**  
 125 1 5 10 15  
 127 Xaa Xaa Xaa Cys Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa  
 128 20 25 30  
 130 Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
 131 35 40

134 <210> SEQ ID NO: 3  
 135 <211> LENGTH: 39  
 136 <212> TYPE: PRT  
 137 <213> ORGANISM: Artificial Sequence  
 139 <220> FEATURE:  
 140 <223> OTHER INFORMATION: Description of Artificial Sequence:generic formula  
 141 of gamma-conopeptides  
 143 <220> FEATURE:  
 144 <221> NAME/KEY: PEPTIDE  
 145 <222> LOCATION: (1)...(13)  
 146 <223> OTHER INFORMATION: Xaa at residue 1 is any amino acid; Xaa at  
 147 residues 2, 3, 4, 5 and 6 may be des-Xaa or any  
 148 amino acid; Xaa at residues 8, 9, 10, 11, 12 and  
 149 13 may be any amino acid.  
 151 <220> FEATURE:  
 152 <221> NAME/KEY: PEPTIDE  
 153 <222> LOCATION: (27)...(39)  
 154 <223> OTHER INFORMATION: Xaa at residues 27, 28, 29, 31, 32, 33, 34, 35, 36  
 155 and 37 may be any amino acid; Xaa at residues 38  
 156 and 39 may be des-Xaa or any amino acid.  
 158 <220> FEATURE:  
 159 <221> NAME/KEY: PEPTIDE  
 160 <222> LOCATION: (15)...(19)  
 161 <223> OTHER INFORMATION: Xaa at residues 15, 16, 17 and 18 may be any amino  
 162 acid; Xaa at residue 19 is Glu or  
 163 gamma-carboxyglutamate.  
 165 <400> SEQUENCE: 3

**W--> 166 Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa**  
 167 1 5 10 15  
 169 Xaa Xaa Xaa Cys Cys Ser Asn Ser Cys Asp Xaa Xaa Xaa Cys Xaa Xaa  
 170 20 25 30  
 172 Xaa Xaa Xaa Xaa Xaa Xaa  
 173 35  
 176 <210> SEQ ID NO: 4  
 177 <211> LENGTH: 39  
 178 <212> TYPE: PRT  
 179 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING DATE: 02/13/2004  
PATENT APPLICATION: US/10/647,519 TIME: 12:04:44

Input Set : A:\2314-269seq.txt  
Output Set: N:\CRF4\02132004\J647519.raw

181 <220> FEATURE:  
182 <223> OTHER INFORMATION: Description of Artificial Sequence:generic  
183 sequence of gamma-conopeptides.  
185 <220> FEATURE:  
186 <221> NAME/KEY: PEPTIDE  
187 <222> LOCATION: (1)..(13)  
188 <223> OTHER INFORMATION: Xaa at residue 1 is any amino acid; Xaa at  
189 residues 2, 3, 4, 5 and 6 may be des-Xaa or any  
190 amino acid; Xaa at residues 8, 9, 10, 11, 12 and  
191 13 may be any amino acid.  
193 <220> FEATURE:  
194 <221> NAME/KEY: PEPTIDE  
195 <222> LOCATION: (15)..(19)  
196 <223> OTHER INFORMATION: Xaa at residue 15 is Ser or Thr; Xaa at residues  
197 16, 17 and 18 may be any amino acid; Xaa at  
198 residue 19 is Glu or gamma-carboxyglutamate.  
200 <220> FEATURE:  
201 <221> NAME/KEY: PEPTIDE  
202 <222> LOCATION: (27)..(39)  
203 <223> OTHER INFORMATION: Xaa at residues 27, 28, 29, 31, 32, 33, 34, 35, 36  
204 and 37 may be any amino acid; Xaa at residues 38  
205 and 39 may be des-Xaa or any amino acid.  
207 <400> SEQUENCE: 4  
W--> 208 Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa  
209 1 5 10 15  
211 Xaa Xaa Xaa Cys Cys Ser Asn Ser Cys Asp Xaa Xaa Xaa Cys Xaa Xaa  
212 20 25 30  
214 Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
215 35  
218 <210> SEQ ID NO: 5  
219 <211> LENGTH: 34  
220 <212> TYPE: PRT  
221 <213> ORGANISM: Artificial Sequence  
223 <220> FEATURE:  
224 <223> OTHER INFORMATION: Description of Artificial Sequence:generic  
225 sequence of gamma-conopeptides.  
227 <220> FEATURE:  
228 <221> NAME/KEY: PEPTIDE  
229 <222> LOCATION: (1)..(6)  
230 <223> OTHER INFORMATION: Xaa at residues 1 and 2 may be des-Xaa or any  
231 amino acid; Xaa at residue 3 is Asp, Glu or  
232 gamma-carboxyglutamate; Xaa at residues 5 and 6  
233 may be any amino acid.  
235 <220> FEATURE:  
236 <221> NAME/KEY: PEPTIDE  
237 <222> LOCATION: (7)..(16)  
238 <223> OTHER INFORMATION: Xaa at residue 7 is Trp or 6-bromo-Trp; Xaa at  
239 residues 9, 10, 13 and 14 may be any amino acid;  
240 Xaa at residue 16 is Glu or

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/647,519

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TIME: 12:04:44

Input Set : A:\2314-269seq.txt  
Output Set: N:\CRE4\02132004\J647519.raw

241 gamma-carboxyglutamate.  
243 <220> FEATURE:  
244 <221> NAME/KEY: PEPTIDE  
245 <222> LOCATION: (28)..(34)  
246 <223> OTHER INFORMATION: Xaa at residues 28, 30, 31, 32, 33 and 34 may be  
247 any amino acid.  
249 <400> SEQUENCE: 5

W--> 250 Xaa Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Cys Thr Xaa Xaa Ser Xaa

251 1 5 10 15  
253 Cys Cys Ser Asn Ser Cys Asp Gln Thr Tyr Cys Xaa Leu Xaa Xaa Xaa  
254 20 25 30

256 Xaa Xaa

260 <210> SEQ ID NO: 6

261 <211> LENGTH: 32

262 <212> TYPE: PRT

263 <213> ORGANISM: Conus pennaceus

265 <220> FEATURE:

266 <221> NAME/KEY: PEPTIDE

267 <222> LOCATION: (1)..(31)

268 <223> OTHER INFORMATION: Xaa at residue 5 is Trp or 6-bromo-Trp; Xaa at  
269 residues 14 and 26 are Glu or  
270 gamma-carboxyglutamate; Xaa at residue 31 is Pro  
271 or hydroxy-Pro.

273 <400> SEQUENCE: 6

W--> 274 Asp Cys Thr Ser Xaa Phe Gly Arg Cys Thr Val Asn Ser Xaa Cys Cys

275 1 5 10 15  
277 Ser Asn Ser Cys Asp Gln Thr Tyr Cys Xaa Leu Tyr Ala Phe Xaa Ser  
278 20 25 30

284 <210> SEQ ID NO: 7

285 <211> LENGTH: 34

286 <212> TYPE: PRT

287 <213> ORGANISM: Conus textile

289 <220> FEATURE:

290 <221> NAME/KEY: PEPTIDE

291 <222> LOCATION: (1)..(34)

292 <223> OTHER INFORMATION: Xaa at residues 1, 7 and 34 are Trp or  
293 6-bromo-Trp; Xaa at residues 3 and 16 are Glu or  
294 gamma-carboxyglutamate; Xaa at residues 31 and 32  
295 are Pro or hydroxy-Pro.

297 <400> SEQUENCE: 7

W--> 298 Xaa Leu Xaa Cys Ser Val Xaa Phe Ser His Cys Thr Lys Asp Ser Xaa

299 1 5 10 15  
301 Cys Cys Ser Asn Ser Cys Asp Gln Thr Tyr Cys Thr Leu Met Xaa Xaa  
302 20 25 30

304 Asp Xaa

308 <210> SEQ ID NO: 8

309 <211> LENGTH: 39

310 <212> TYPE: PRT

311 <213> ORGANISM: Conus textile

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/647,519

DATE: 02/13/2004  
TIME: 12:04:45

Input Set : A:\2314-269seq.txt  
Output Set: N:\CRF4\02132004\J647519.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2,3,4,5,6,8,9,10,11,12,13,15,16,17,18,19,22,23,24,25,27  
Seq#:1; Xaa Pos. 28,29,30,31,32,34,35,36,37,38,39,40,41,42  
Seq#:2; Xaa Pos. 1,2,3,4,5,6,8,9,10,11,12,13,15,16,17,18,19,22,23,24,25,27  
Seq#:2; Xaa Pos. 28,29,30,31,32,34,35,36,37,38,39,40,41,42  
Seq#:3; Xaa Pos. 1,2,3,4,5,6,8,9,10,11,12,13,15,16,17,18,19,27,28,29,31,32  
Seq#:3; Xaa Pos. 33,34,35,36,37,38,39  
Seq#:4; Xaa Pos. 1,2,3,4,5,6,8,9,10,11,12,13,15,16,17,18,19,27,28,29,31,32  
Seq#:4; Xaa Pos. 35,34,35,36,37,38,39  
Seq#:5; Xaa Pos. 1,2,3,5,6,7,9,10,13,14,16,28,30,31,32,33,34  
Seq#:6; Xaa Pos. 5,14,26,31  
Seq#:7; Xaa Pos. 1,3,7,16,31,32,34  
Seq#:8; Xaa Pos. 1,2,4,10,19,31,34,36,37,39  
Seq#:9; Xaa Pos. 9,13,17  
Seq#:10; Xaa Pos. 2,3,10,12,18,26,32,33  
Seq#:11; Xaa Pos. 3,5,16,18,22,25,31  
Seq#:12; Xaa Pos. 1,5,8,11  
Seq#:13; Xaa Pos. 5,8,10,15,16,23  
Seq#:14; Xaa Pos. 4,9,12,13,17  
Seq#:15; Xaa Pos. 8,15,16  
Seq#:24; N Pos. 17  
Seq#:36; Xaa Pos. 3,7,8,14,18  
Seq#:37; Xaa Pos. 1  
Seq#:39; N Pos. 12  
Seq#:41; N Pos. 6,9,12,15,18,21,24  
Seq#:42; Xaa Pos. 14,26,31  
Seq#:43; Xaa Pos. 9,13  
Seq#:44; Xaa Pos. 2  
Seq#:45; Xaa Pos. 1,6,7,8,12,17,18,23

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Page 1

<210> SEQ ID NO 24  
<211> LENGTH: 533  
<212> TYPE: DNA  
<213> ORGANISM: Conus textile  
<220> FEATURE:  
<221> NAME/KEY: CDS  
<222> LOCATION: (110)..(337)  
<400> SEQUENCE: 24

ctctgccgggt tgacacatca tctactctct cagtctccct gacagctgcc ttcagtgcac 60

Mandatory, please  
explain "N" locations.  
Please see error  
explanation  
on page 8.

The type of errors shown exist throughout  
the Sequence Listing. Please check subsequent  
sequences for similar errors.

Seq. (39, 41)

VARIABLE LOCATION SUMMARY  
PATENT APPLICATION: US/10/647,519

DATE: 02/13/2004  
TIME: 12:04:45

- Input Set : A:\2314-269seq.txt
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Use of n's or Xaa's (NEW RULES):

*ERROR Explanation:*

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:1; Xaa Pos. 1,2,3,4,5,6,8,9,10,11,12,13,15,16,17,18,19,22,23,24,25,27  
 Seq#:1; Xaa Pos. 28,29,30,31,32,34,35,36,37,38,39,40,41,42  
 Seq#:2; Xaa Pos. 1,2,3,4,5,6,8,9,10,11,12,13,15,16,17,18,19,22,23,24,25,27  
 Seq#:2; Xaa Pos. 28,29,30,31,32,34,35,36,37,38,39,40,41,42  
 Seq#:3; Xaa Pos. 1,2,3,4,5,6,8,9,10,11,12,13,15,16,17,18,19,27,28,29,31,32  
 Seq#:3; Xaa Pos. 33,34,35,36,37,38,39  
 Seq#:4; Xaa Pos. 1,2,3,4,5,6,8,9,10,11,12,13,15,16,17,18,19,27,28,29,31,32  
 Seq#:4; Xaa Pos. 33,34,35,36,37,38,39  
 Seq#:5; Xaa Pos. 1,2,3,5,6,7,9,10,13,14,16,28,30,31,32,33,34  
 Seq#:6; Xaa Pos. 5,14,26,31  
 Seq#:7; Xaa Pos. 1,3,7,16,31,32,34  
 Seq#:8; Xaa Pos. 1,2,4,10,19,31,34,36,37,39  
 Seq#:9; Xaa Pos. 9,13,17  
 Seq#:10; Xaa Pos. 2,3,10,12,18,26,32,33  
 Seq#:11; Xaa Pos. 3,5,16,18,22,25,31  
 Seq#:12; Xaa Pos. 1,5,8,11  
 Seq#:13; Xaa Pos. 5,8,10,15,16,23  
 Seq#:14; Xaa Pos. 4,9,12,13,17  
 Seq#:15; Xaa Pos. 8,15,16  
 Seq#:24; N Pos. 17  
 Seq#:36; Xaa Pos. 3,7,8,14,18  
 Seq#:37; Xaa Pos. 1  
 Seq#:39; N Pos. 12  
 Seq#:41; N Pos. 6,9,12,15,18,21,24  
 Seq#:42; Xaa Pos. 14,26,31  
 Seq#:43; Xaa Pos. 9,13  
 Seq#:44; Xaa Pos. 2  
 Seq#:45; Xaa Pos. 1,6,7,8,12,17,18,23

**VERIFICATION SUMMARY**  
PATENT APPLICATION: **US/10/647,519**

DATE: 02/13/2004  
TIME: 12:04:45

Input Set : **A:\2314-269seq.txt**  
Output Set: **N:\CRF4\02132004\J647519.raw**

L:21 M:270 C: Current Application Number differs, Replaced Application Number  
L:22 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
M:341 Repeated in SeqNo=1  
L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
M:341 Repeated in SeqNo=2  
L:166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
M:341 Repeated in SeqNo=3  
L:208 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
M:341 Repeated in SeqNo=4  
L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
M:341 Repeated in SeqNo=5  
L:274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
M:341 Repeated in SeqNo=6  
L:298 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
M:341 Repeated in SeqNo=7  
L:322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
M:341 Repeated in SeqNo=8  
L:344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
M:341 Repeated in SeqNo=9  
L:365 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
M:341 Repeated in SeqNo=10  
L:389 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0  
M:341 Repeated in SeqNo=11  
L:409 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:433 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
M:341 Repeated in SeqNo=13  
L:453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0  
M:341 Repeated in SeqNo=14  
L:473 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0  
L:734 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ ID#:24  
L:734 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0  
L:1091 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0  
M:341 Repeated in SeqNo=36  
L:1113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0  
L:1140 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:39  
L:1140 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:39  
L:1140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0  
L:1168 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:41  
L:1168 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:41  
L:1168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0  
L:1184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0  
M:341 Repeated in SeqNo=42  
L:1206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0  
L:1224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0  
L:1241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0  
M:341 Repeated in SeqNo=45